



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Kieffer et al.  
 Serial No.: 10/552,103  
 For: MELTING AND REFINING IN TANKS WITH COOLED WALLS  
 Filed: October 3, 2005  
 Examiner: Not Yet Assigned  
 Art Unit: Not Yet Assigned  
 Confirmation No.: 4119  
 Customer No.: 27,623 Attorney Docket No.: 2133.113USU

**Mail Stop Missing Parts**  
**COMMISSIONER FOR PATENTS**  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

**TRANSMITTAL OF MISSING PARTS OF APPLICATION AND**  
**PAYMENT OF SURCHARGE UNDER 37 C.F.R. §1.16(e)**

Transmitted herewith are the following documents pertaining to the above-identified application:

- ☒ Declaration and Power of Attorney executed by Werner Kieffer, Hildegard Römer, Frank-Thomas Lentjes, Guido Rake, Volker Ohmstede, Karin Naumann, Michael Liester, Gerhared Nuessle, Erich Rodek and Wolfgang Schmidbauer;
- ☐ The undersigned attorney has verified that the above-identified applicant is entitled to Small Entity Status.;
- ☐ \_\_\_\_\_ Sheets of Replacement Drawings;
- ☒ An Assignment of the Invention to: **SCHOTT AG**, including \$40.00 recordation fee and Assignment Recordation Cover Sheet;
- ☐ A Certified Copy of the Priority Application;
- ☐ A Preliminary Amendment;
- ☐ Information Disclosure Statement (Form - 1449); and

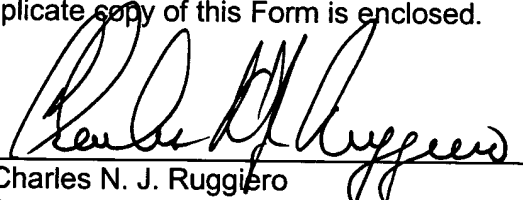
- ☒ A copy of the Notice to File Missing Parts of Application Filing Date Granted.
- ☐ Petition and Fee for Extension of Time (37 CFR 1.136(A)).

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$300.00
Total Claims	- 20 =	0	x \$50.00	\$
Independent Claims	- 3 =	0	x \$200.00	\$
Multiple Dependent Claim Fee		x \$360.00 = \$0.00		
SEARCH FEE		\$500.00		
EXAMINATION FEE		\$200.00		
NATIONAL STAGE APPLICATION SIZE FEE (\$250 FOR EACH ADDITIONAL 50 SHEETS OVER 100 SHEETS)		\$		
TOTAL FILING FEE		\$		
1/2 FILING FEE FOR SMALL ENTITY		\$		

- ☒ A check in the amount of **\$170.00** (\$130.00 to cover the surcharge; \$40.00 for recordation of assignment fee) is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. §§1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

July 25, 2006  
Date

  
Charles N. J. Ruggiero  
Attorney for Applicant(s)  
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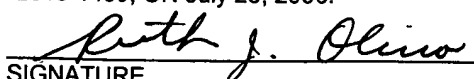
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130.00 DP

**CERTIFICATE OF MAILING**

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP MISSING PARTS, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, ON July 25, 2006.

Ruth J. Olivo  
NAME

  
SIGNATURE

July 25, 2006  
DATE



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/552,103	GLAS SCHOTT	2133.113USU

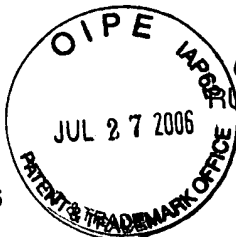
INTERNATIONAL APPLICATION NO.	
PCT/EP04/03416	
I.A. FILING DATE	PRIORITY DATE
04/02/2003	

27623

OHLANDT, GREELEY, RUGGIERO & PERLE, LLP  
ONE LANDMARK SQUARE, 10TH FLOOR  
STAMFORD, CT 06901

**RECEIVED**

MAY 30 2006



OHLANDT, GREELEY,  
RUGGIERO & PERLE, LLP

CONFIRMATION NO. 4119

371 FORMALITIES LETTER



\*OC000000018939984\*

Date Mailed: 05/25/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/03/2005
- English Translation of the IA filed on 10/03/2005
- Copy of the International Search Report filed on 10/03/2005
- Copy of IPE Report filed on 10/03/2005
- Preliminary Amendments filed on 10/03/2005
- Information Disclosure Statements filed on 10/03/2005
- U.S. Basic National Fees filed on 10/03/2005
- Priority Documents filed on 10/03/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

ANITA D JOHNSON

Telephone: (703) 308-9140 EXT 226

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/552,103	PCT/EP04/03416	2133.113USU

FORM PCT/DO/EO/905 (371 Formalities Notice)